MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE

DOMINION OF CANADA

FEBRUARY 1933

TEMPERATURE

The month was generally mild in southern Canada from the Atlantic to the Rocky Mountains and mild also on the Labrador coast and in Hudson Strait. From James Bay northwestward to the Mackenzie valley and the Yukon as well as on the Pacific coast the month was more severe than usual.

In the Atlantic provinces and up the St. Lawrence River as far as the Ottawa valley the temperatures were quite high for the season, the excess over normal temperature ranging from four to eleven degrees. In southwestern Ontario the excess was two to seven degrees and in the Lake Superior and Lake of the Woods regions one to three degrees.

Over the western grain region the difference from normal was generally small. In Manitoba and along the northern fringe of the grain belt in Saskatchewan and Alberta temperatures averaged one or two degrees below the normal February temperature. In southern Saskatchewan and southern Alberta there was an excess of one or two degrees.

In southern British Columbia and along the Pacific coast there was a deficiency of about three degrees. In the East Kootenay and at the head of the Fraser River temperatures were normal or slightly higher.

In the Athabasca and Peace River valleys and in the Mackenzie and Yukon valleys the month was severely cold during the first seven days and from the seventeenth to the end of the month, while it was mild from the eighth to the sixteenth. The average was five to ten degrees below normal. On the west coast of Hudson Bay there was a deficiency of two to five degrees but in Hudson Strait there was an excess ranging from two degrees at the western entrance to ten degrees at the eastern entrance.

PRECIPITATION

Precipitation was in excess of normal in some parts of British Columbia, locally in the southern parts of the western grain region, generally in northwestern Ontario, the Georgian Bay region, that part of Quebec lying north of the St. Lawrence River and in the lower St. Lawrence valley from the Saguenay to the North Shore and also along the Bay of Fundy in New Brunswick and generally in Nova Scotia.

In southwestern Ontario, in parts of southwestern Quebec, in eastern New Brunswick and locally in western Canada precipitation was less than the normal amount.

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WEATHER BUREAU

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Tm is the mean temperature of the current month; Column Sg denotes depth of snow on ground in inches where given.

BRITISH COLUMBIA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Estevan Point			1.8		38°	Vancouver	52°	10°	6.3	86	35°	Greenwood	47°	-32°	0.7		
Sidney	48°	14°	3.3	101		New Westminster	51°	11°	6.8			Kaslo	42°	-15°	3.4		28°
Sooke	47°	14°	6.2			White Rock	52°	10°	3.3			Trail	48°	-17°	2.1		
Shawnigan Lake	50°	8°	6.4			Agassiz	45°	7°	7.2	46		Cranbrook	42°	-35°	1.1		
Cameron Lake			4 3			Oliver	53°	-13°	1.0	75		Fernie	40°	-38°	1.9		
Nanaimo	49°	15°	2.7	102		Summerland	51°	-7°	0.9	86		Glacier	32°	-29°	8.4		
Courtenay			3.2			Penticton	52°	-7°	0.8			Revelstoke	46°	-23°	3.5		
Qualicum Beach	49°	8°	2 3			Salmon Arm	48°	-15°	1.3	57		Golden	44°	-38°	1.4		
Port Alberni	48°	10°	6.7			Kamloops	43°	-12°	0.3	95	24°	Field	37°	-33°	1.1		
Henderson Lake			24 2			Vernon	45°	-15°	1.5	70		Prince George	41°	-39°	2.0	63	18°
Cowichan Bay	47°	11°	3.3			Nelson	46°	-16°	3.1	67		Prince Rupert	50°	19°	6.4	36	34°
Victoria	48°	17°	2.8	118	37°	Windermere	44°	-35°	0.6	98		Atlin			2.1		4°

ALBERTA, SASKATCHEWAN, AND MANITOBA

STATION	H	L	P	I	Tm	Sg.	STATION	H	L	P	I	Tm	Sg.
Fairview	42°	-39°	2.5	82	2°		Grenfell	38°	-43°	0.2			13
Beaverlodge	41°	-40°	1.8	105	8°	36	Whitewood	41°	-43°	0.2			
Edmonton	48°	-28°	0.8	112	9°	10	Cadillac	49°	-35°	T			T
Calgary	51°	-26°	0.3	115	16°		Aneroid	50°	-35°	0.0			
Medicine Hat			0 4	89	14°	1	Francis	39°	-38°	0.6			
Battleford	46°	-40°	0.5		1°	7	Qu'Appelle	40°	-41°	0.7	125	3	11
Scott	45°	-38°	0.6	109	-1°		Minnedosa	37°	-40°	0.6		-1	9
Swift Current	52°	-36°	0.9	117	10°	1	Brandon	40°	-40°	0.3	134	1	12
Prince Albert	43°	-41°	0.6		-1°	10	Treesbank (St. Albans)	43°	-38°	0.5			14
Regina	37°	-39°	0.5		4°	4	Birtle	38°	-41°	0.1			16
Moose Jaw	47°	-38°	0.3	98	8°		Treherne	40°	-37°	0.4			11
Waseca	44°	-36°	0.3			7	Graysville	39°	-39°	0.3			4
Muenster	37°	-45°					Le Pas	36°	-40°	0.4		-6	
Quill Lake	41°	-46°	0.8			30	Winnipeg	39°	-42°	0.6	125	-2	
Dundurn	42°	-40°	0.9			2	Morris	22°	-38°	0.6			36
Rosetown	46°	-24°	0.2			0							

ONTARIO

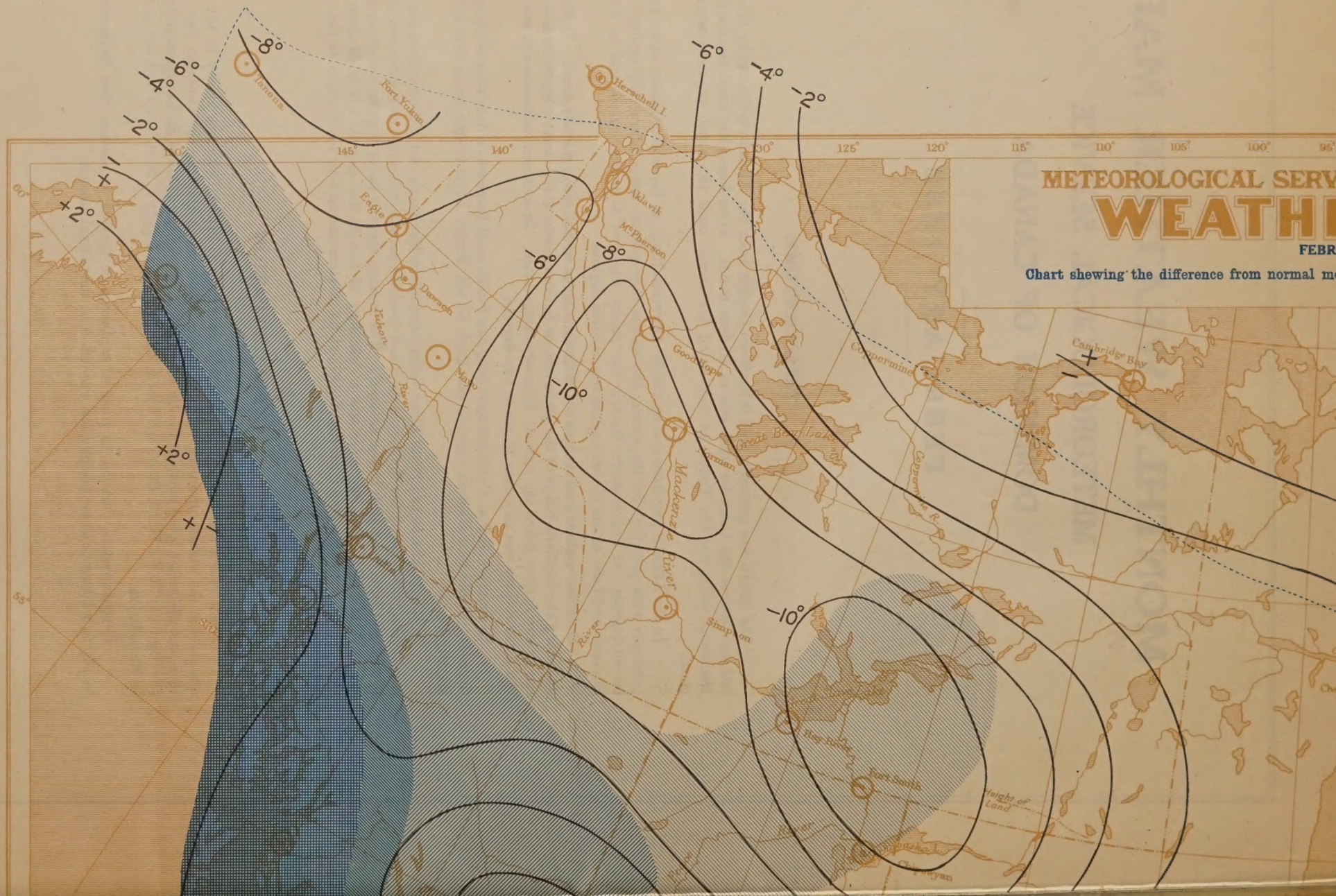
Kenora	39°	-46°	1.0				Woodstock	49°	-11°	2.1	123	24°	T
Sioux Lookout			1.3		1°	25	Paris	52°	-9°	2.0		26°	T
Port Arthur	37°	-30°	0.7		8°	10	Simcoe	50°	-6°	2.5		27°	0
Ruel	40°	-43°	1.9				Barrie	42°	-15°	1.7	105	20°	3
Quorn	41°	-56°	0.8			25	Harrow	50°	-9°	0.9	152	28°	
Cochrane	34°	-34°	1.3	81	6°	22	Stratford	48°	-14°	2.1			2
White River			2.7		4°	29	London	48°	-12°	2.0		24°	0
Haileybury	36°	-30°	1.1	104	11°	9	Toronto	46°	-6°	1.6	126	26°	T
Parry Sound	43	-20°	4.7		18°	9	Bloomfield	45°	-13°	4 0			3
Southampton	48°	-6°	3.1		20°	2	Kingston	43°	-9°	2.3	114	25°	6
Lucknow	48°	-10°					Brockville	47°	-11°	2.7	135	25°	6
Beatrice	41°	-25°	4.0		16°	12	Morrisburg	45°	-12°				4
Beeton	44°	-14°	0.9		22°	0	Peterboro'	44°	-24°	1.9			3
Mount Forest	40°	-13°	2.4	85	20°		Ottawa (Exp. Farm)	41°	-25°	1.4	103	18°	3
Walkerton	48°	-5°	3.2			T	Renfrew	44°	-27°	1.9		15°	T
Alton	45°	-15°	1.7		18°	2	Pembroke	45°	-26°	1.9		19°	8
Brucefield	47°	-12°	1.4			0	Clontarf	41°	-23°	2.3		18°	11

QUEBEC

STATION	H	L	P	I	Tm	Sg.	STATION	H	L	P	I	Tm	Sg.
Cedars	43°	-11°	2.4			8	Mont Laurier	40°	-23°	2.5		16°	12
Macdonald College	42°	-12°	2.8		20°	9	Maniwaki	38°	-23°	2.0	137	18°	6
Montréal	40°	-12°	2.3	85	21°	8	Donnacona	44°	-12°	3.4		18°	3
Farnham	42°	-10°	2 9	89	21°	8	Cap Rouge	37°	-13°	2.8	66	17°	37
Brome	43°	-18°	3.4		21°		St. Joachim	43°	-13°	3.1	130	17°	25
Lennoxville	49°	-10°	5.1	79	20°	14	Armagh	38°	-15°	2.0			
Sherbrooke	40°	-11°	3.8	71	20°	10	Québec	38°	-13°	4.0	86	18°	23
Joliette	39°	-13°	1.0			12	Ste. Anne de la Pocatiére	40°	-10°	2.0	88	19°	14
Lake Mégantic	47°	-14°	4.1		18°	29	Roberval	38°	-20°	2.4		8°	12
Drummondville	42°	-17°	3.7		15°	5	Albanel	36°	-25°	1.6	110		30
St. Gabriel de Brandon	34°	-20°	2.4				La Ferme	34°	-40°	1.9	97	3°	
Sorel	41°	-12°	1.0		18°	18	Dolbeau	36°	-27°	2.7		12°	36
Huberdeau	48°	-19°	1.8		15°	2	Doucet	39°		3.9	52	6°	56
St. Lin des Laurentides	40°	-15°	1.6		16°	12	St. Paul Island			3.7		25°	
Nicolet	45°	-12°	2 5		18°	12	Anticosti S.W. Pt.			2.7		19°	
Beauceville	42°	-12°	3.1			26	Harrington Harb'r			2.9		-14°	48
							Abitibi Post	34°	-32°	1.8		5°	38

ATLANTIC PROVINCES

							Woodstock	44°	-18°	2.4		21°	3
Saint John	49°	2°	4.2	100	27°	T	Halifax	51°	7°	5.3		28°	T
Aroostook	43°	-17°	3.5		16°	12	Annapolis Royal	61°	8°	3.4	66	30°	
Bathurst	40°	-12°	2.2		16°		Digby	52°	7°	4.9		30°	4
Chatham	45°	-12°	2.6		19°	12	Kentville (Experimental Farm)	52°	5°	3.8	80	27°	
Chipman	45°	-22°	3.0		19°		Liverpool	50°	1°	3.3		29°	
Fredericton	47°	-15°	2.6	106	20°	T	Nappan	52°	2°	3.0	90	25°	
Fredericton (Experimental Farm)	46°	-15°	2.9	104	22°	T	Sydney	50°	7°	7.4		27°	4
Gagetown	49°	-8°	2.5		25°	2	Truro	56°	4°	4.2		27°	
Grand Falls	44°	-18°	3.4		15°	24	Upper Stewiacke	54°	3°	4.7		28°	
Harvey	46°	-14°	2.7		21°	5	Wolfville	56°	1°	2.5	85	28°	1
Moncton	54°	-15°	2.5		22°		Yarmouth	50°	10°	4.9		31°	
Musquash	49°	-16°	4.2				Charlottetown	51°	2°	2.9		25°	1
McAdam Junction	47°	-13°	3.4		20°	3	Charlottetown (Experimental Farm)	50°	-1°	3.9	85	25°	
Sussex	50°	-16°	3.8		25°								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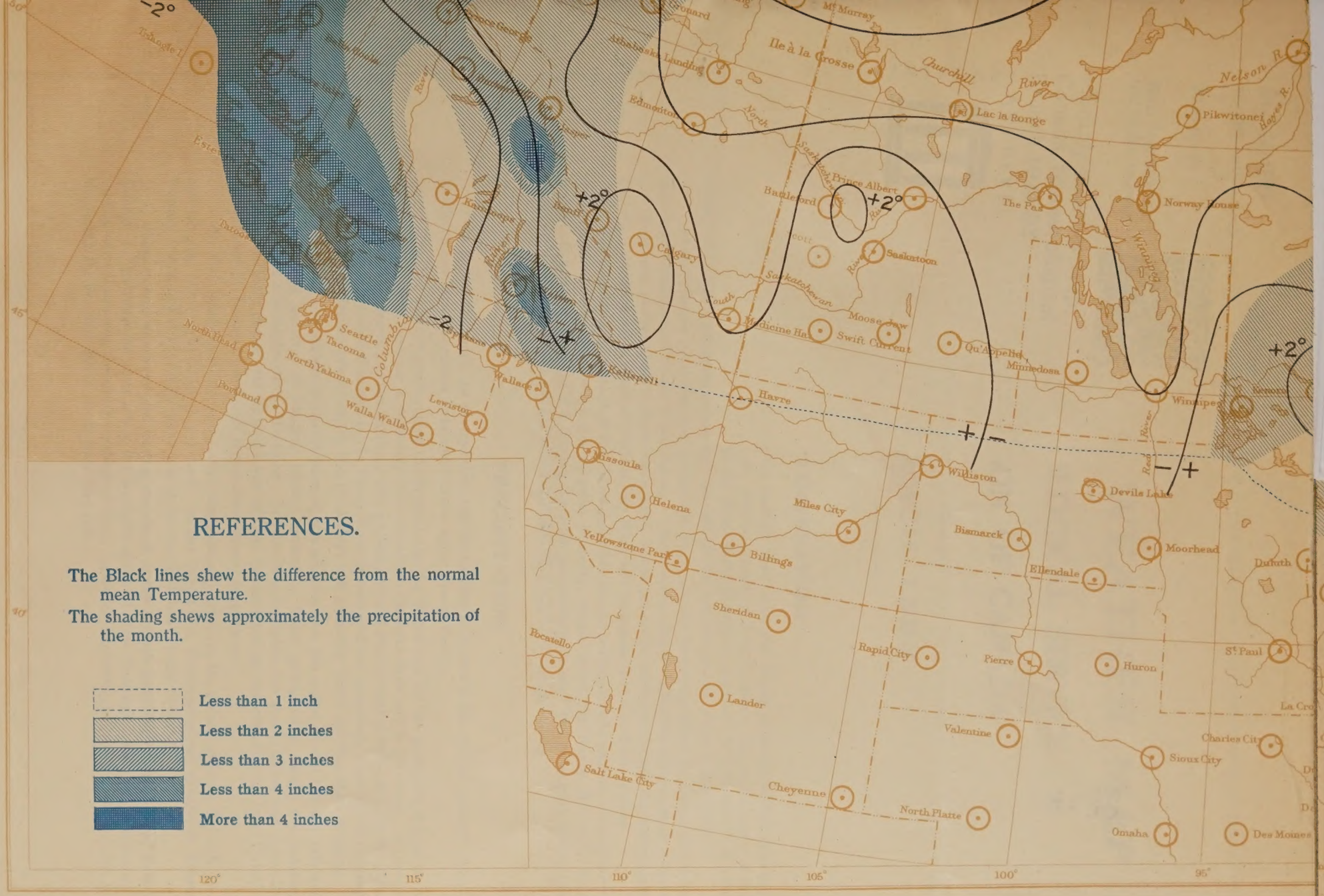
FEBR
Chart shewing the difference from normal m
-8°
-6°
-4°
-2°
+1
+2°
-10°
Herschell I.
Fort Yukon
Eagle
Aklavik
Mc.Pherson
Dawson
Yukon
Good Hope
Mackenzie River
Great Bear Lake
Coppermine
Cambridge Bay
Simpson
Height of Land
145°
140°
130°
125°
120°
115°
110°
105°
100°
95°
80°
55°



REFERENCES.

The Black lines shew the difference from the normal mean Temperature.

The shading shews approximately the precipitation of the month.

- Less than 1 inch
- Less than 2 inches
- Less than 3 inches
- Less than 4 inches
- More than 4 inches

, DOMINION OF CANADA.

R MAP

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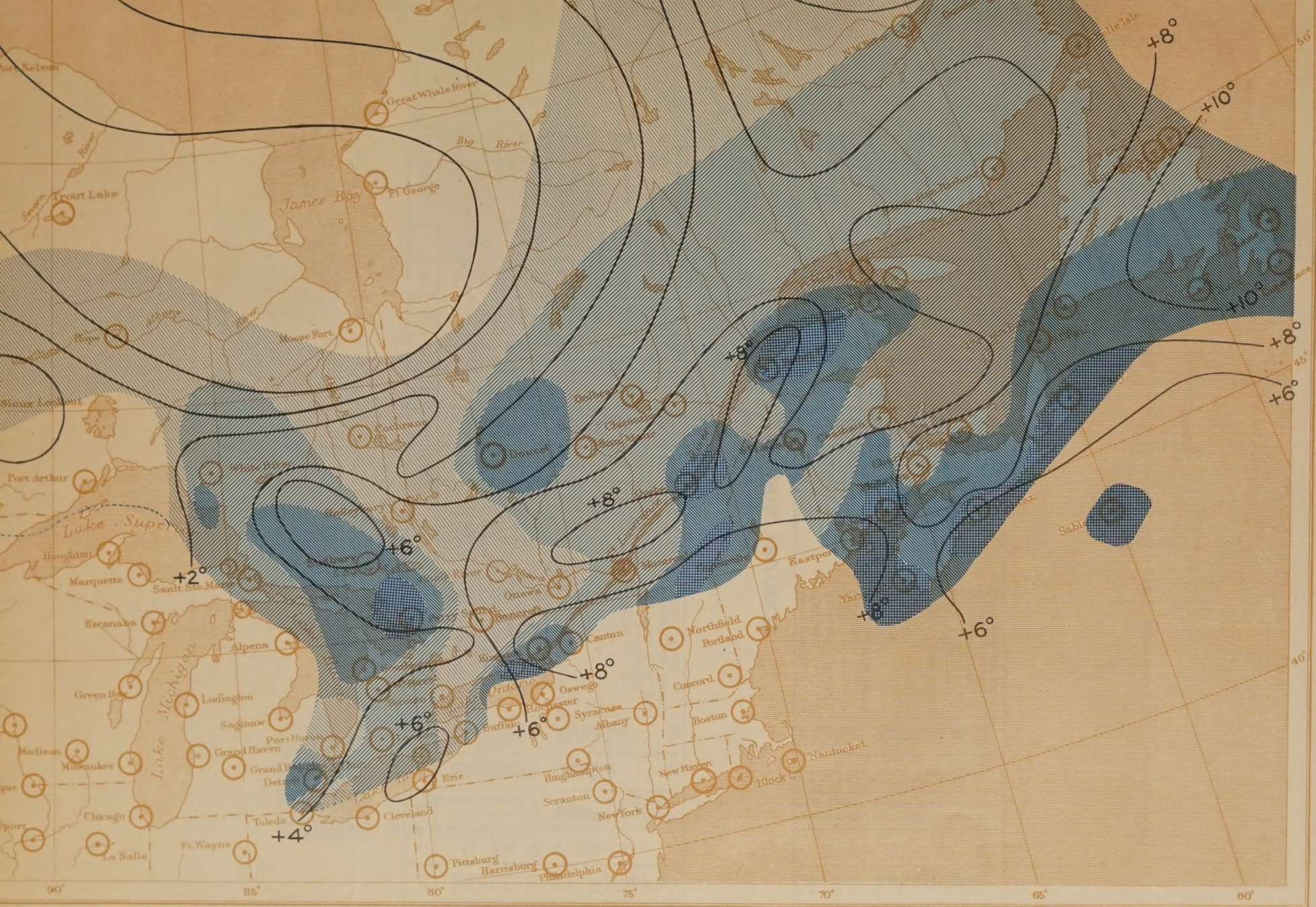
nperature, and total precipitation of the month.


+2°
+4°
+6°
+8°
+10°
Great Whale River
Big River
James Bay
Ft George
Trout Lake
Moose Fort
Port Arthur
Lake Superior
Houghton
Marquette
Escanaba
Alpena
Green Bay
Ludington
Saginaw
Grand Haven
Milwaukee
Chicago
Toledo
Cleveland
Erie
Ft Wayne
La Salle
Pittsburg
Harrisburg
Philadelphia
Scranton
Binghampton
New York
Albany
Syracuse
Oswego
Buffalo
Canton
Northfield
Portland
Concord
Boston
Nantucket
New Haven
Block I.
90°
85°
80°
75°
70°
65°
60°
50°
45°
40°

DEC 30 '22